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word spotting subword

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J Foote - Multimedia Systems, 1999 - Springer

 ... Mail Retrieval: the effect of **word spotting** accuracy on ... SJ (1994) Speaker dependent keyword **spotting** for hand ... Ng K, Zue V (1997) **Subword** unit representations ...

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P Jeanrenaud, K Ng, M Siu, JR Rohlicek, H Gish - Proc. EUROSPEECH, 1993 - sls.csail.mit.edu

 ... absorb non-keyword events and reduce false alarms than a simple **subword** filler. ... In the context of **word spotting**, the language model provides not only a good ...

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[... discriminative utterance verification for non-keyword rejection in **subword** based speech recognition - all 8 versions »](#)

CH Lee, RA Sukkar - US Patent 5,675,706, 1997 - Google Patents

 ... errors L vmarrubia ^ A . Acero , "Rejection Techniques keyword rejection in **subword**-based speech recognition. ... tinuous **word spotting** for applications in ...

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[Method for **word spotting** in continuous speech - all 4 versions »](#)

JH Garman, AG Klein, VM Stanford - US Patent 5,425,129, 1995 - Google Patents

 ... Ifthe METHOD FOR **WORD SPOTTING** IN output string contains only **sub-word** model markers,

CONTINUOUS SPEECH we can conclude that there was speech not containing ...

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[\[PDF\] Talker-independent keyword **spotting** for information retrieval - all 5 versions »](#)

JT Foote, GJF Jones, KS Jones, SJ Young - Proc. Eurospeech, 1995 - rotorbrain.com

 ... presents preliminary work on using **subword** HMMs for talker- independent (though still xed-vocabulary) **spotting**. ... set of 8-mixture **word**-internal triphone ...

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[Phonetic training and language modeling for **word spotting** - all 4 versions »](#)

JR Rohlicek, P Jeanrenaud, K Ng, H Gish, B Musicus ... - Acoustics, Speech, and Signal Processing, 1993. ICASSP-93., ..., 1993 - ieeeexplore.ieee.org

 ... of **subword** units from the keywords. This approach, using only keyword pieces (Table 1 ILI), was shown to be effective with our whole-**word word spotting** sys ...

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[Providing Sublexical Constraints for **Word Spotting** within the ANGIE Framework - all 10 versions.](#) »

R Lau, S Seneff - Fifth European Conference on Speech Communication and ..., 1997 - ISCA ... given in the order of increasing **sub- word** lexical constraints ... focus on the effects of **subword** models. ... summarize the results of our **word-spotting** experi- ments ...

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A hidden Markov model based keyword recognition system

RC Rose, DB Paul - Acoustics, Speech, and Signal Processing, 1990. ICASSP-90., ..., 1990 -
ieeexplore.ieee.org

... 2 KEYWORD **SPOTTING** SYSTEM 2.1 Baseline System ... vocabulary speaker independent key-

word recognition in ... 4], continuous Gaussian observation **subword** hidden Markov ...

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Subword-based approaches for spoken document retrieval - all 14 versions »

K Ng, VW Zue - Speech Communication, 2000 - Elsevier

... We investigate the use of **subword** unit representations for SDR as an alternative to **words** generated by either keyword **spotting** or continuous speech recognition ...

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[B Juang](#)

CH Lee, RA Sukkar - US Patent 5,675,706, 1997 - Google Patents

[R Rose](#)

... pass classifier for utterance rejection in keyword **spotting**, " ... first processing the spoken **word** (utterances) through ... uses a plurality of **subword** acoustic models ...

[K Ng](#)

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[J Foote](#)

A hidden Markov model based keyword **recognition** system

RC Rose, DB Paul - Acoustics, Speech, and Signal Processing, 1990. ICASSP-90., ..., 1990 - [ieeexplore.ieee.org](#)

... Monophone Models system in Table 1. The **second** observations is ... There are a total of 385 **subword** models in ... Continuous HMM for speaker independent **word spotting**. ...

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Flexible speech understanding based on combined key-phrasedetection and verification - [all 8 versions](#) »

T Kawahara, CH Lee, BH Juang - Speech and Audio Processing, IEEE Transactions on, 1998 - [ieeexplore.ieee.org](#)

... dependent manner (eg, [10]), sacrificing the advantage of **subword**-based **recognition** ...

units such as phrases are more stable than **words** for **spotting** even when ...

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A fast **algorithm** for large vocabulary keyword **spotting** application - [all 3 versions](#) »

EFHHC Wang, FK Soong - Speech and Audio Processing, IEEE Transactions on, 1994 - [ieeexplore.ieee.org](#)

... In this correspondence, we present a **word spotting** application requiring a ... subsets, each of which contains the **words** sharing the same **subword** (defined as ...

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[PS] First Experiences with a System for Content Based Retrieval of Information from Speech Recordings - [all 2 versions](#) »

P Schauble, M Wechsler - IJCAI-95 Workshop on Intelligent Multimedia Information ..., 1995 - [inf.ethz.ch](#)

... the retrieval system provides additional on-line **word spotting** for nding query **words** which are ... vocabulary consists of 1000 special **subword** units, which ...

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A fast vocabulary independent **algorithm** for **spotting** words inspeech

S Dharanipragada, S Roukos - Acoustics, Speech, and Signal Processing, 1998. ICASSP'98. ..., 1998 - [ieeexplore.ieee.org](#)

... Each node in the trellis represents a **sub-word** or a ... the time axis is discretized into T **second** intervals, where T ... "**Word Spotting**", ICASSP 1989, pp627-630. ...

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A training procedure for verifying string hypotheses in continuousspeech **recognition** - [all 2 versions »](#)

RC Rose, BH Juang, CH Lee - Acoustics, Speech, and Signal Processing, 1995. ICASSP-95. ..., 1995 - [ieeexplore.ieee.org](#)

... com- mand **spotting** [3], and keyword **spotting** in conversational ... vocabulary and a network of 43 **subword** models to ... in a total of 1225 **word** hypotheses correspond ...

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Pattern **recognition** using a family of design algorithms based uponthe generalized probabilistic ... - [all 2 versions »](#)

S Katagiri, BH Juang, CH Lee - Proceedings of the IEEE, 1998 - [ieeexplore.ieee.org](#)

... the overall recognizer, or in other **words**, its design ... The **second** possibility is that improvement efforts were ... particular tasks such as keyword **spotting**, eg, [63 ...

[Cited by 97](#) - [Related Articles](#) - [Web Search](#)

Method for **word spotting** in continuous speech - [all 4 versions »](#)

JH Garman, AG Klein, VM Stanford - US Patent 5,425,129, 1995 - Google Patents

... **recognition** system, a subsystem for **spotting** pre-specified ... of continuous speech; said **sub-word** model analyzer ... phoneme models; said full-**word** model analyzer ...

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J Foote - Multimedia Systems, 1999 - Springer

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